Initial Deliverability Test

FORM C-122-A
EL PASO 8-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BASIN Formation DAKOTA County RA

Well Name SJ 27-5 UNIT #89 73521

Unit L S 4 T 27 R 5 Pay Zone 7640 To 7850 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 7918 Tubing O D 2.375 I D 1.995 L 7815 Top Perf.

Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c	Comm. Designated P_c, psia	Period Of Test Flow		SIP Measured
50		From 08-28-66	To 09-05-66	05-23-66

Deadweight Flowing Pressure, psia				Flowing Pressure, psia
Casing (a)	Tubing (b)	Meter (c)		Chart (d)

Deadweight Shut-In Pressures, psia		Meter Error	Friction Loss
Casing 1212 (J)	Tubing 1219 (k)	0008 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_t	Gravity
505 (g)	505 (h)	505 (i)	.636

G. L. = 4970 1-e $^{-s}$ = .303 F_c 9.402 $(F_cQ)^2$ 16.040

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 4860 P_t^2 = 255025 P_w^2 = 259885

$$Q = \frac{426}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = \frac{1.0000}{}\right] = 426$$

$$D=Q \quad 426 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{1113861}{1226076}\right]^n = \frac{(.9084)^n}{.9305} = 396$$

REMARKS

Installed Intermitter 8-8-66.

RECEIVED
SEP 20 1966
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1219

Q = 426

P_w = 510

P_d = 610

D = 396

Company EL PASO NATURAL GAS CO

By H. L. Kendrick

Title AREA GAS WELL TEST ENGINEER

Witnessed By

Company

66258

73521

4992


RECEIVED
SEP 20 1996
OIL CON. COM.
DIST. 3